**Bug-o-Copters**

**Materials**

Photocopy of short-eared Bug-o-Copter

Scissors

Paper clips

**Procedure**

Part A:

1. Cut along the outside solid lines of the **short-eared** Bug-o-Copter.
2. Cut straight down between the two ears to the dotted line.
3. Bend one ear forward at the dotted line and bend one ear back. The ears should be perpendicular to the body.
4. Attach one paper clip at the “feet” (bottom) of the Bug-o-Copter.
5. Hold the Bog-o-Copter as high as possible with an outstretched. For added height, you might want to stand on a chair.
6. Release the Bug-o-Copter and observe what happens. Try it several times.
7. Record your observations.

Part B:

1. Based on your observations, do you have some wonder questions? Choose a wonder question to investigate, make a prediction, and reword it into a hypothesis (or follow steps 1-4 of the Smarter Science Posters).
2. If you’re not using the Smarter Science Posters, please consider:
   1. Which variable will you test (i.e., the independent variable)?
   2. Which variables will stay the same (i.e., the controlled variables)?
   3. Which variable will you measure (i.e., the dependent variable)?